

The following includes supplementary material for the Electronic Physics Auxiliary Publication Service.

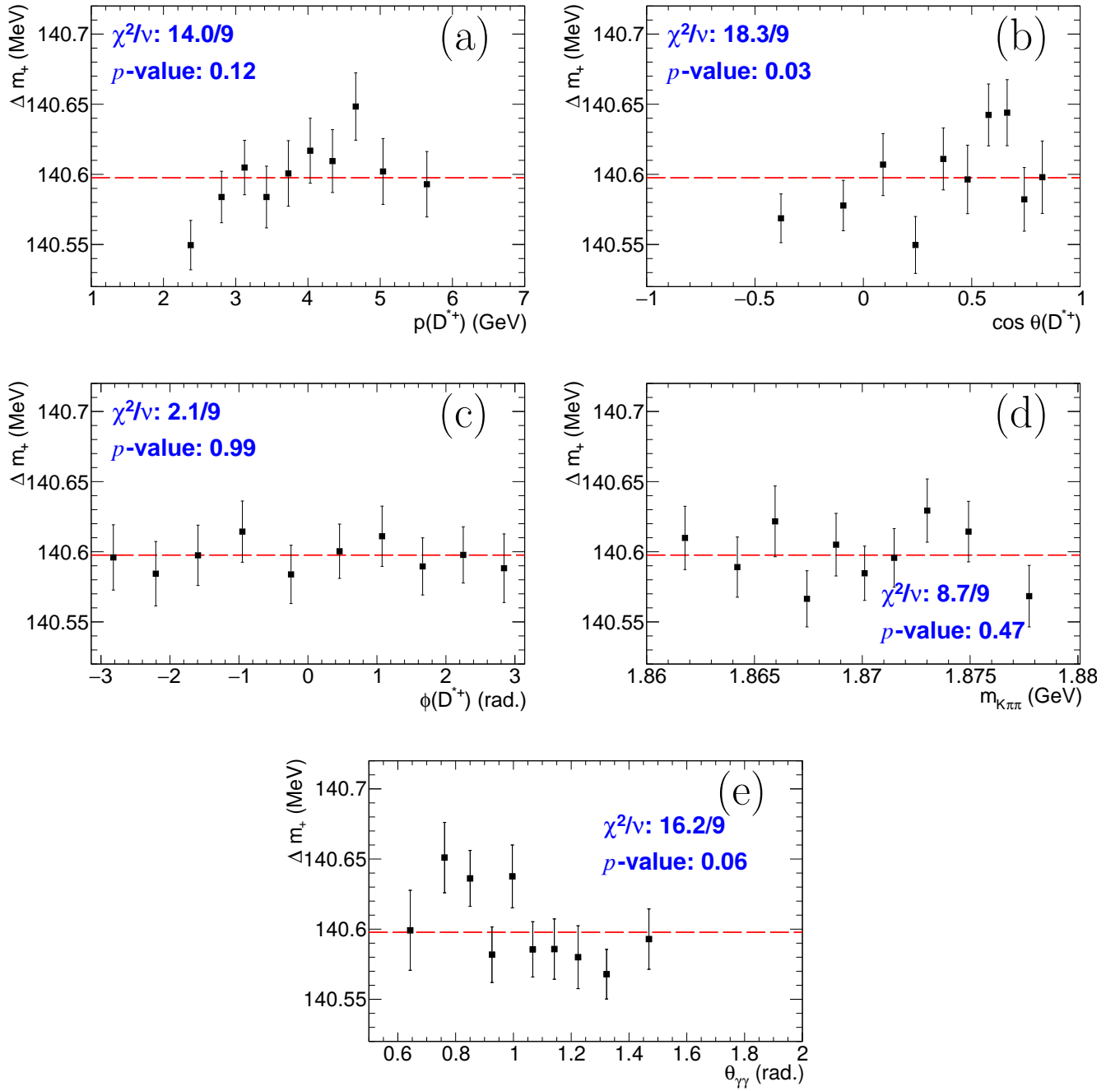


FIG. 3. (color online) Δm_+ measurements as functions of different D^{*+} properties: (a) momentum magnitude $p(D^{*+})$, (b) polar angle $\cos \theta$, (c) azimuthal angle ϕ , (d) $m_{K\pi\pi}$, and (e) π^0 opening angle $\theta_{\gamma\gamma}$. In each plot we fit the results with a constant and the fitted χ^2/ν with associated p -value is shown in each plot. The red dashed lines mark the Δm_+ central value from our nominal fit.